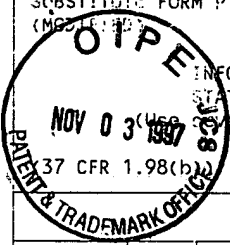


SUBSTITUTE FORM PTO-1449

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PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
05918/005003

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08/868,762



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APPLICANT
George A. Provost

FILING DATE
June 4, 1997

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
US	AA	5	5	6	9	2	3	3	10/29/96	Goulait	604	391	12/20/94
	AB	5	5	4	0	6	7	3	7/30/96	Thomas et al.	604	391	1/31/95
	AC	5	4	7	0	4	1	7	11/28/95	Goulait	156	201	10/11/94
	AD	5	4	0	7	4	3	9	4/18/95	Goulait	604	391	6/1/94
	AE	5	3	9	2	4	9	8	2/28/95	Goulait et al.	24	452	12/10/92
	AF	5	3	8	5	7	0	6	1/31/95	Thomas	264	519	4/7/93
	AG	5	3	8	0	3	1	3	1/10/95	Goulait et al.	604	391	1/16/92
	AH	5	3	2	6	6	1	2	7/5/94	Goulait	428	100	5/20/91
	AI	5	3	2	6	4	1	5	7/5/94	Thomas et al.	156	244	9/3/93
	AJ	5	3	2	5	5	6	9	7/5/94	Goulait et al.	24	448	10/30/92
	AK	5	3	1	8	7	4	1	6/7/94	Thomas	264	519	6/17/93
	AL	5	2	3	1	7	3	8	8/3/93	Higashinaka	24	446	12/12/91
	AM	5	2	3	0	8	5	1	7/27/93	Thomas	264	145	3/7/91
	AN	5	2	2	1	2	7	6	6/22/93	Battrell	604	389	2/24/92
US	AO	5	1	8	0	5	3	4	1/19/93	Thomas et al.	264	145	12/21/90

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
US	AP	WO 94/23610	10/27/94	PCT	1	1		
	AQ	A1 0 381 087	8/8/90	EPO	1	1		
	AR	A2 0 276 970	8/3/88	EPO	1	1		
	AS	WO87/06522	11/87	PCT	1	1		
	AT	2929329	2/5/81	Fed. Rep. of Germany	1	1		X
	AU	TW 34231	12/1/80	Taiwan	1	1		X
US	AV	TW 48288	1/1/83	Taiwan	1	1		X

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
W.P.	BA	5	1	5	8	8	1	9	10/27/92	Goodman, Jr. et al.	428	131	6/29/90
	BB	5	1	1	9	6	4	3	6/9/92	Conley et al.	66	190	12/21/90
	BC	5	1	1	6	5	6	3	5/26/92	Thomas et al.	264	167	6/28/90
	BD	5	0	6	7	2	1	0	11/26/91	Kayaki	24	452	10/3/90
	BE	5	0	5	8	2	4	7	10/22/91	Thomas et al.	24	448	5/1/90
	BF	5	0	3	2	1	2	2	7/16/91	Noel et al.	604	391	5/17/89
	BG	4	9	9	9	0	6	7	3/12/91	Erb et al.	156	73.1	2/13/89
	BH	4	9	8	4	3	3	9	1/15/91	Provost et al.	24	452	10/20/88
	BI	4	9	7	3	3	2	6	11/27/90	Wood et al.	604	391	11/30/87
	BJ	4	9	6	3	1	4	0	10/16/90	Robertson et al.	604	389	12/17/87
	BK	4	9	5	9	2	6	5	9/25/90	Wood et al.	428	343	4/17/89
	BL	4	9	3	6	8	4	0	6/26/90	Proxmire	604	385.2	12/31/87
	BM	4	9	1	9	7	3	8	4/24/90	Ball et al.	156	73.5	5/25/89
	BN	4	8	9	4	0	6	0	1/16/90	Nestegard	604	391	1/11/88
	BO	4	8	8	3	7	0	7	11/28/89	Newkirk	428	219	4/21/88
	BP	4	8	6	1	3	9	9	8/29/89	Rajala et al.	156	66	11/4/87
	BQ	4	8	5	4	9	8	4	8/8/89	Ball et al.	156	73.5	6/19/87
	BR	4	8	4	6	8	1	5	7/11/89	Scripps	604	391	12/18/87
	BS	4	8	3	4	7	3	8	5/30/89	Kielpikowski et al.	604	385.2	7/14/88
	BT	4	7	9	4	0	2	8	12/27/88	Fischer	428	100	5/15/86
W.P.	BU	4	7	6	1	3	2	2	8/2/88	Raley	428	156	10/7/85

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
W.P.	BV	55-137942	10/28/80	Japan	—	—	X (abs only)	
	BW	54-28369	3/2/79	Japan	—	—	X (abs only)	
	BX	51-14535	5/10/76	Japan	—	—	X (abs only)	
	BY	JP 02-88015	3/28/90	Japan	—	—		X
W.P.	BZ	GB 2 233 876 A	1/23/91	GB	—	—		

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U.S. PATENT DOCUMENTS

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W.P.	CA	4	7	6	1	3	1	8	8/2/88	Ott et al.	428	89	8/29/86
	CB	4	7	3	9	6	3	5	4/26/88	Conley et al.	66	190	7/8/87
	CC	4	7	3	7	4	0	4	4/12/88	Jackson	428	284	8/16/84
	CD	4	7	2	5	4	7	3	2/16/88	Van Gompel et al.	428	156	11/25/86
	CE	4	7	2	5	2	2	1	2/16/88	Blanz	425	575	5/23/86
	CF	4	7	0	7	8	9	3	11/24/87	Hashizume et al.	24	446	5/2/86
	CG	4	6	9	9	6	2	2	10/13/87	Toussant et al.	604	389	3/21/86
	CH	4	6	9	5	5	0	0	9/22/87	Dyer et al.	428	134	7/10/86
	CI	4	6	7	2	8	9	3	6/16/87	Mammarella, Sr.	101	170	3/21/85
	CJ	4	6	5	4	2	4	6	3/31/87	Provost et al.	428	88	9/5/85
	CK	4	6	1	5	0	8	4	10/7/86	Erb	24	442	8/21/84
	CL	4	6	0	0	6	1	8	7/15/86	Raychok, Jr. et al.	428	92	3/16/84
	CM	4	5	9	6	5	6	8	6/24/86	Flug	604	369	10/22/84
	CN	4	5	8	7	1	5	2	5/6/86	Gleichenhagen et al.	428	195	12/11/84
	CO	4	5	7	3	9	9	1	3/4/86	Pieniak et al.	604	385	7/23/84
	CP	4	5	6	2	0	9	9	12/31/85	Hinchcliffe	427	282	1/18/84
	CQ	4	5	3	2	1	5	7	7/30/85	Schmidt et al.	427	262	12/27/82
	CR	4	4	6	3	4	8	6	8/7/84	Matsuda	28	161	8/12/81
W.P.	CS	4	4	5	4	1	8	3	6/12/84	Wollman	428	100	10/20/83

FOREIGN PARENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
W.P.	CT	GB 1 140 576	1/22/69	GB	—	—		
	CU	FR 2 586 558	3/6/87	FR	—	—	X (abs only)	
	CV	FR 2 586 558	3/6/87	FR	—	—	X	
	CW	DE 3533541-A	4/3/86	DE	—	—		X
W.P.	CX	0 187 725 B1	3/27/91	EPO	—	—		

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NOV 03 1997

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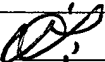
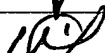
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3507

U.S. PATENT DOCUMENTS

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 A vertical line with a small circle at the bottom.	DA	4	4	0	2	6	9	0	9/6/83	Redfern	604	391	10/21/80
	DB	4	3	7	9	1	9	2	4/5/83	Wahlquist et al.	428	156	6/23/82
	DC	4	3	7	4	8	8	8	2/22/83	Bornslaeger	429	198	9/25/81
	DD	4	3	5	5	0	6	6	10/19/82	Newman	428	198	12/8/80
	DE	4	3	3	0	9	0	7	5/25/82	Ochiai	24	204	3/31/80
	DF	4	3	0	7	4	9	3	12/29/81	Ochiai	24	204	3/31/80
	DG	4	2	9	0	8	3	2	9/22/81	Kalleberg	156	72	9/2/77
	DH	4	2	9	0	1	9	4	9/22/81	Takahashi	29	766	11/1/79
	DI	4	2	9	0	1	7	4	9/22/81	Kalleberg	24	204	1/13/78
	DJ	4	2	1	6	2	5	7	8/5/80	Schams et al.	428	93	4/20/79
	DK	4	1	6	9	3	0	3	10/2/79	Lemelson	24	204	11/24/76
	DL	4	1	6	2	3	4	4	7/24/79	Rones	428	212	7/27/78
	DM	4	0	8	2	8	8	6	4/4/78	Butterworth et al.	428	284	9/15/77
	DN	4	0	6	7	6	0	9	1/10/78	Ness	297	220	11/22/76
	DO	4	0	5	6	5	9	3	1/1/77	de Navas Albareda	264	145	6/21/74
	DP	4	0	2	4	0	0	3	5/17/77	Bühler	156	148	5/27/75
	DQ	3	9	7	1	3	8	1	7/27/76	Gibson	128	296	2/19/75

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION
						YES NO
DR	0 324 577 A1	7/19/89	EPO	1	1	
DS	0 289 198 A1	11/2/88	EPO	1	1	
DT	0 325 473 A1	7/26/89	EPO	1	1	
DU	0 341 993 A1	11/15/89	EPO	1	1	

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

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	APPLICANT George A. Provost			
	FILING DATE June 4, 1997		GROUP 3507	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>W.S.</i>	EA	3	9	4	9	1	2	8	4/6/76	Ostermeier	428	152	8/22/72
	EB	3	9	4	3	9	8	1	3/16/76	De Brabander	139	391	3/25/74
	EC	3	9	1	3	1	8	3	10/21/75	Brumlik	24	204	6/28/73
	ED	3	9	0	5	0	7	1	9/16/75	Brumlik	24	204	8/13/73
	EE	3	8	9	5	7	9	7	7/22/75	Moore	273	32 A	7/17/74
	EF	3	8	6	7	9	4	0	2/25/75	Mesek et al.	128	287	8/6/73
	EG	3	8	6	7	9	3	5	2/25/75	Elsdorfer et al.	128	156	5/14/73
	EH	3	8	6	3	3	0	4	2/4/75	Brumlik	24	204	8/8/73
	EI	3	7	7	0	3	5	9	11/6/73	Hamano	425	305	9/25/72
	EJ	3	7	6	8	4	7	9	10/30/73	Widlund	128	287	2/8/71
	EK	3	7	6	2	0	0	0	10/2/73	Menzin et al.	24	204	11/11/71
	EL	3	7	0	8	8	3	7	1/9/73	Chiba	24	204	5/13/70
	EM	3	7	0	8	8	3	3	1/9/73	Ribich et al.	24	204	3/15/71
	EN	3	7	0	8	8	3	2	1/2/73	G.H. Erb	161	48	7/15/69
	EO	3	6	9	4	8	6	7	10/3/72	Stumpf	24	204	8/5/70
<i>W.S.</i>	EP	3	6	8	3	9	2	1	8/15/72	Brooks et al.	128	296	8/17/70

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<i>W.S.</i>	EQ	0 388 681 A2	9/26/90	EPO	1	1		
	ER	0 353 972 A1	2/7/90	EPO	1	1		
	ES	0 409 315 A1	1/23/91	EPO	1	1		
<i>W.S.</i>	ET	2 432 108	3/28/80	FR	1	1	X (abs only)	

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

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FA	3	6	7	8	9	3	3		7/25/72	Moore et al.	128	296	7/17/70
FB	3	6	6	5	9	2	2		5/30/72	Skora	128	290	11/20/69
FC	3	6	6	5	9	2	1		5/30/72	Stumpf	128	287	11/19/69
FD	3	5	9	4	8	6	5		7/27/71	George H. Erb	18	5	7/10/69
FE	3	5	9	4	8	6	3		7/27/71	George H. Erb	18	5	7/10/69
FF	3	5	6	2	0	4	4		2/9/71	G.H. Erb	156	155	3/12/68
FG	3	5	5	7	4	0	7		1/26/71	J.H. Lemelson	18	10	8/19/68
FH	3	5	5	0	8	3	7		12/29/70	George H. Erb	229	45	4/14/69
FI	3	5	5	0	2	2	3		12/29/70	G.H. Erb	24	204	12/22/67
FJ	3	5	4	6	7	5	4		12/15/70	G.H. Erb	24	204	8/12/68
FK	3	5	3	6	5	1	8		10/27/70	Arthur Herbert Drelich	117	38	3/10/67
FL	3	5	2	2	6	3	7		8/4/70	G.C. Brumlik	24	204	3/6/68
FM	3	4	9	4	0	0	6		2/10/70	G.C. Brumlik	24	204	1/12/68
FN	3	4	9	0	1	0	7		1/20/70	George C. Brumlik	24	204	12/16/67
FO	3	4	8	4	3	3	0		12/16/69	Robert C. Sokolowski et al.	161	59	4/28/66
FP	3	4	6	9	2	8	9		9/30/69	Horace E. Whitacre	24	205.17	2/6/69
FQ	3	4	6	1	5	1	3		8/19/69	L.H. Girard et al.	24	204	2/20/67
FR	3	4	0	5	4	3	0		10/15/68	Abraham Sidelman	24	204	7/29/66
FS	3	3	2	7	7	0	8		6/27/67	R.C. Sokolowski	128	156	6/27/67

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							YES	NO
FT		3533881	4/3/86	DE	—	—	X (abs only)	
FU		1299 897	12/13/72	GB	—	—		

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GA	3	3	1	9	3	0	7		5/16/67	I. Marforio	24	204	10/12/64
GB	3	3	1	2	5	8	3		4/4/67	James J. Rochlis	161	62	10/2/63
GC	3	3	0	2	2	3	2		2/7/67	T.J. Wasiloff et al.	15	230.17	7/6/64
GD	3	2	7	7	5	4	7		10/11/66	J. Billarant	24	204	12/17/62
GE	3	2	6	6	8	4	1		8/16/66	G. Altman	297	220	7/7/65
GF	3	2	6	6	1	1	3		8/16/66	W.C. Flanagan, Jr.	24	204	12/14/64
GG	3	2	5	5	7	4	9		6/14/66	J.A. Smithers	128	169	6/27/63
GH	3	2	2	6	7	5	1		1/4/66	J.H. Lemelson	15	118	2/8/63
GI	3	2	1	4	3	2	3		10/26/65	Gordon D. Russell et al.	161	148	2/11/64
GJ	3	1	7	6	3	6	4		4/6/65	A. Dritz	24	213	10/6/59
GK	3	1	7	1	8	2	0		3/2/65	R.A. Volz	260	2.5	2/17/64
GL	3	1	5	4	8	3	7		11/3/64	G. De Mestral	28	72	3/21/61
GM	3	1	4	7	5	2	8		9/8/64	G.H. Erb	24	204	11/14/61
GN	3	1	3	8	8	4	1		6/30/64	J. Naimer	24	204	10/23/62
GO	3	0	9	4	3	3	0		6/18/63	G.I. Smith	273	54	3/3/61
GP	3	0	8	5	3	0	9		4/16/63	Arthur R. Olson	28	79	3/9/60
GQ	3	0	8	3	7	3	7		4/2/63	G. De Mestral	139	16	5/9/58
GR	3	0	8	0	6	8	8		3/12/63	A. Politzer	51	185	6/26/62
GS	3	0	3	1	7	3	0		5/1/62	Louis H. Morin	24	204	9/26/58
GT	3	0	0	9	2	3	5		11/21/61	G. De Mestral	28	78	5/9/58
GU	3	0	0	5	2	1	9		10/24/61	C.S. Miller	15	98	5/26/59
GV	2	9	9	1	8	4	3		7/11/61	V.G. Bell, Jr.	183	51	12/30/58
GW	2	7	1	7	4	3	7		9/13/55	G De Mestral	28	72	10/15/52
GX	2	6	2	5	1	6	1		1/13/53	Robert W. Johnson	128	290	7/12/52
GY	2	4	9	6	8	2	0		2/7/50	C.A. Smith	155	184	12/24/46
GZ	2	0	3	9	3	1	2		5/5/36	J.H. Goldman	154	46	3/15/35

EXAMINER

DATE CONSIDERED

EXAMINER. Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.